



Cola®Terge 102

Surfactant Blend for Water-Based Degreasers

INVENTORIES TSCA (US), NDSL (Canada), IECSC (China)

Cola®Terge 102 is a high performance blend of surfactants designed for use in water-based degreasing and hard surface cleaning applications. It is a fast wetter for penetrating soils and surfaces and a powerful emulsifier while holding soils in suspension. Cola®Terge 102 is suitable for use in alkaline, acidic and general-purpose cleaners. The simple combination of Cola®Terge 102 with or without builders makes an excellent water based degreaser.

BENEFITS

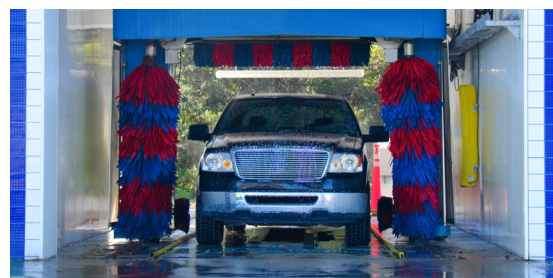
- Excellent penetration and wetting agent
- Powerful degreasing and emulsification
- Reduced corrosivity to metal surfaces, no chloride quat present

APPLICATIONS

- Transportation cleaning
- Soak tanks for parts / metal cleaning
- High-pressure spray systems
- Hard surface cleaning

SPECIFICATIONS

Appearance @ 25°C	Amber Liquid
Active, % (100 - % Moisture)	85 – 95
pH (5% aqueous)	5.5 – 7.0
Solubility (1.0% in Water, 25°C)	Clear
Color, Gardner	6 Max.
Ross-Miles Foam Height, mm (0.1% active in 2% NaOH)	
Immediate	125
1 minute	115
5 minutes	110
Draves Wetting, sec (0.1% active)	6.9
Surface Tension, dyne/cm	27.2



FORMULATIONS

Presoak for Car / Truck Wash

INGREDIENT	%
1 Water	53.0
2 KOH (45%)	9.0
3 Sodium Metasilicate Pentahydrate	3.0
4 EDTA (40%)	5.0
5 Cola®Terge 102	15.0
6 Cola®Teric SC	13.0
7 d-Limonene or fragrance	2.0

Dilute at use: 100–200:1

Parts / Metal Soak Cleaner

INGREDIENT	%
1 Water	45.0
2 NaOH (50%)	10.0
3 Sodium Metasilicate Pentahydrate	5.0
4 EDTA (100%)	5.0
5 Cola®Terge 102	20.0
6 Cola®Teric 2CM	15.0

Dilute at use: 50–100:1

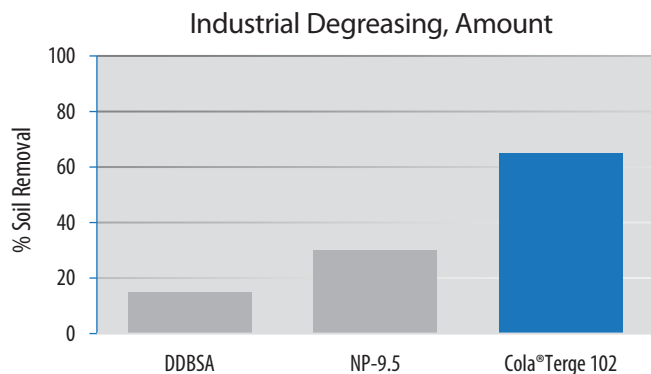
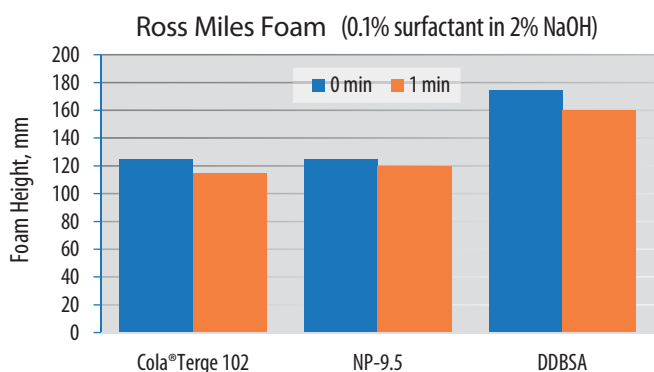
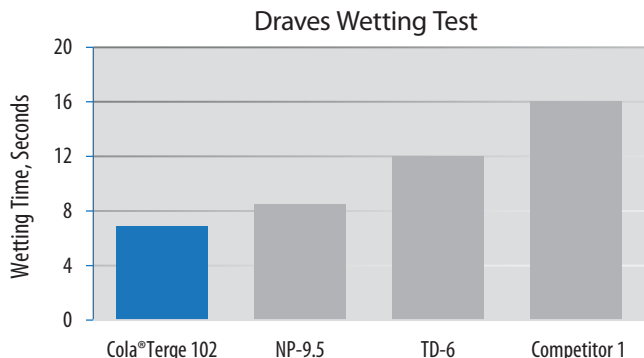
Oven & Smokehouse Cleaner

INGREDIENT	%
1 Water	94.0
2 NaOH (50%)	3.0
3 Cola®Terge 102	1.0
4 Butyl Cellosolve	2.0

Ready to use.

COMPETITIVE TESTING

Cola®Terge 102 met and outperformed many leading industry products used in similar applications when tested for performance. Complete testing information with specific metrics is available upon request.



Degreasing test performed with industrial grease and motor oil on slides in agitated formulation of 0.5% NaOH, 0.2% EDTA, 0.3% SMS, 1.0% surfactant.



STORAGE AND HANDLING

Cola®Terge 102 is shipped in 55 gal. poly drums, net weight 450 lbs (204.1 kg) or bulk. Cola®Terge 102 should be stored in closed containers. Shelf life is 12 months from date of manufacture. A Safety Data Sheet is available at www.colonialchem.com.



Colonial Chemical

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Innovative Specialty Surfactants